

2) -a. the square of imaginary  $i$ , i.e.  $i^2$  does not equal  $-1$ ,  $-$  does not equal  $-1$ ,  $(-1)^{1/2} = i$ ,  $(-)^{1/2} = yod$  (*cuspid root method* algorithm), the 10<sup>th</sup> letter of the Hebrew alphabet, akin to *iota* of Semitic origin, and 3.) 16 special angles in radians on *zero vector* algorithm defined in terms of the *yod* null set of only  $\theta$  on the unit origin in polar coordinates, for the seed matrices as the mechanisms of sequence extraction/detection whereby numerical-based-learning algorithms focusing on Artificial Neural Networks learn nonlinear functional mapping from a statistical mechanics non-congruent system for control and numerical modeling. --